EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	backup$1 same creat$4 same modul$4 same duplicat$4 same cop$4 same embeded same cod$4 same stor$4 same server$1 same memor$4 same region$1 same reserv$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/29 17:05
L2	0	cod$4 same inspect$4 same modul$4 same capable$1 same activat$4 same operat$4 same embeded$1 same cod$4 same messag$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/29 17:06
L3	1	recover$4 same modul$4 same enabl$4 same messag$4 same cod$4 same inspect$4 same backup$1 same region$1 same stor$4 same server$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/29 17:11

Terms used
backup$1 same creat$4 same modul$4 same duplicat$4 same cop$4 same embeded same cod$4 same stor$4 sam

Sort results by relevance

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Search Tips

Open results in a new window

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Results 1 - 20 of 200

Result page: **1** 2 3 4 5 6 7 8 9 10 next

Best 200 shown

1 A message system supporting fault tolerance

Anita Borg, Jim Baumbach, Sam Glazer

October 1983 **ACM SIGOPS Operating Systems Review , Proceedings of the ninth ACM sympo**
Volume 17 Issue 5

Publisher: ACM Press

Full text available: pdf(1.07 MB) Additional Information: full citation, abstract, references, ci

A simple and general design uses message-based communication to provide software tolerance of sing messages to inactive backups for both the sender and the destination, both backups are kept in a state implementation for the Auragen 4000 series of M68000-based systems is described. The operating sys

2 Level set and PDE methods for computer graphics

David Breen, Ron Fedkiw, Ken Museth, Stanley Osher, Guillermo Sapiro, Ross Whitaker

August 2004 **Proceedings of the conference on SIGGRAPH 2004 course notes SIGGRAPH '04**

Publisher: ACM Press

Full text available: pdf(17.07 MB) Additional Information: full citation, abstract, citings

Level set methods, an important class of partial differential equation (PDE) methods, define dynamic si evolving nD function. The course begins with preparatory material that introduces the concept of using graphics, geometric modeling and computer vision. This will include the structure and behavior of seve set eq ...

3 Fast detection of communication patterns in distributed executions

Thomas Kunz, Michiel F. H. Seuren

November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Coll**

Publisher: IBM Press

Full text available: pdf(4.21 MB) Additional Information: full citation, abstract, references, in

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-ti understanding of the execution of the application. The visualization tool we use is Poet, an event tracer diagrams are often very complex and do not provide the user with the desired overview of the applicat occurrences of non-trivial commun ...

4 Forward rasterization

Voicu Popescu, Paul Rosen

April 2006 **ACM Transactions on Graphics (TOG)**, Volume 25 Issue 2

Publisher: ACM Press

Full text available: pdf(1.04 MB) Additional Information: full citation, abstract, references, in

We describe forward rasterization, a class of rendering algorithms designed for small polygonal primitiv between its vertices. The interpolation factors are chosen to guarantee that each pixel covered by the p The location of the samples is recorded with subpixel accuracy using a pair of offsets which are then us reconstruction ha ...

Keywords: 3D warping, antialiasing, point-based modeling and rendering, rasterization, rendering pip

5 Recovery guarantees for Internet applications

Roger Barga, David Lomet, German Shegalov, Gerhard Weikum

August 2004 **ACM Transactions on Internet Technology (TOIT)**, Volume 4 Issue 3

Publisher: ACM Press

Full text available: pdf(997.52 KB) Additional Information: full citation, abstract, references, in

Internet-based e-services require application developers to deal explicitly with failures of the underlyin browser sessions, and so forth. This complicates application programming, and may expose failures to application-independent infrastructure that provides recovery guarantees and masks almost all system having to deal with these f ...

Keywords: Exactly-once execution, application recovery, communication protocols, interaction contra

6 Research sessions: security and privacy: Extending query rewriting techniques for fine-grained a

Shariq Rizvi, Alberto Mendelzon, S. Sudarshan, Prasan Roy

June 2004 **Proceedings of the 2004 ACM SIGMOD international conference on Managemer**

Publisher: ACM Press

Full text available: pdf(172.57 KB) Additional Information: full citation, abstract, references, ci

Current day database applications, with large numbers of users, require fine-grained access control me relations/views, to control which parts of the data can be accessed by each user. Fine-grained access c numerous drawbacks; these can be avoided by specifying/enforcing access control at the database lev based on authoriza ...

7 Distributed operating systems

Andrew S. Tanenbaum, Robbert Van Renesse

December 1985 **ACM Computing Surveys (CSUR)**, Volume 17 Issue 4

Publisher: ACM Press

Full text available: pdf(5.49 MB) Additional Information: full citation, abstract, references, ci

Distributed operating systems have many aspects in common with centralized ones, but they also diffe to distributed operating systems, and especially to current university research about them. After a disc and how it is distinguished from a computer network, various key design issues are discussed. Then se in some detail ...

8 An integrated platform for reliable multicast support in the regional mobile-IP environment

Hassan Omar, Tarek Saadawi, Myung Lee

April 2002 **ACM SIGMOBILE Mobile Computing and Communications Review**, Volume 6 Issue 2

Publisher: ACM Press

Full text available: pdf(167.80 KB) Additional Information: full citation, abstract, references, ci

Supporting reliable delivery of multicast datagrams, in IP networks, may necessitate the introduction o additional signaling may be required to support this service. Providing a platform that efficiently suppo multicast group members frequently change their locations, is a challenge for systems supporting mob application of an interna ...

9 Bounding errors introduced by clustering of customers in closed product-form queuing networks

William C. Cheng, Richard R. Muntz

July 1996 **Journal of the ACM (JACM)**, Volume 43 Issue 4

Publisher: ACM Press
Full text available: pdf(606.25 KB) Additional Information: full citation, abstract, references, in

Product-form queuing network models have been widely used to model systems with shared resources distributed), communication networks, and flexible manufacturing systems. Closed multichain product- open networks, due to the effect of normalization. Results in workload characterization for closed netw structures and only specifi ...

Keywords: balance equation, closed network, clustering, error bound, product-form, quasi-reversibilit

10 A prototype implementation of the SQL Ada module extension (SAME) method
Allison LeClair, Susan Phillips
December 1990 **Proceedings of the conference on TRI-ADA '90**
Publisher: ACM Press
Full text available: pdf(1.20 MB) Additional Information: full citation, abstract, references, ci

As Ada becomes more widespread, the ability to access commercial database technologies through Ad throughout our industry are investigating interface approaches between Ada and these technologies, ir relational data base language. This paper presents a recent implementation of one such binding—the S

11 When do bounds and domain propagation lead to the same search space?
Christian Schulte, Peter J. Stuckey
May 2005 **ACM Transactions on Programming Languages and Systems (TOPLAS)**, Volume 2
Publisher: ACM Press
Full text available: pdf(380.67 KB) Additional Information: full citation, abstract, references, in

This article explores the question of when two propagation-based constraint systems have the same be behavior of domain and bounds propagators for primitive constraints, and provide theorems that allow constraints. We then show how we can use this to analyze CLP(FD) programs to determine when we ca bounds propagators without increasing ...

Keywords: Constraint (logic) programming, abstract interpretation, bounds propagation, domain prop

12 Distrbuted VEEs: PDS: a virtual execution environment for software deployment
Bowen Alpern, Joshua Auerbach, Vasanth Bala, Thomas Frauenhofer, Todd Mummert, Michael Pigott
June 2005 **Proceedings of the 1st ACM/USENIX international conference on Virtual execu**
Publisher: ACM Press
Full text available: pdf(299.26 KB) Additional Information: full citation, abstract, references, in

The Progressive Deployment System (PDS) is a virtual execution environment and infrastructure desig demand while enabling management from a central location. PDS intercepts a select subset of system virtualization at the operating system level. This enables an asset's install-time environment to be repr from peer applications on the targ ...

Keywords: deployment, installation, management, streaming, virtualization

13 Featured column: Is CS1 better with the same lecture and lab instructor?
Renée McCauley, Christopher Starr, Walter Pharr, RoxAnn Stalvey, George Pothering
June 2006 **ACM SIGCSE Bulletin**, Volume 38 Issue 2
Publisher: ACM Press
Full text available: pdf(357.66 KB) Additional Information: full citation, abstract, references, in

This paper presents results from a four-semester classroom experiment to assess whether the introduc would be more effective if they were taught by the same or different instructors. Using a common final

determined there is no statistically significant effect on learning outcomes by having the same instructi however, showed a statistically ...

Keywords: CS1, closed-laboratories, computer science education research, instructional design

14 When are two workflows the same?
Jan Hidders, Marlon Dumas, Wil M. P. van der Aalst, Arthur H. M. ter Hofstede, Jan Verelst
January 2005 **Proceedings of the 2005 Australasian symposium on Theory of computing - Vo**
Publisher: Australian Computer Society, Inc.
Full text available: pdf(236.54 KB) Additional Information: full citation, abstract, references, ci

In the area of workflow management, one is confronted with a large number of competing languages a expressiveness) are usually not clear. Moreover, even within the same language it is generally possible known as variability. This paper aims at providing some of the formal groundwork for studying relative equivalence capturing different views ...

15 Equal rights for functional objects or, the more things change, the more they are the same
Henry G. Baker
October 1993 **ACM SIGPLAN OOPS Messenger**, Volume 4 Issue 4
Publisher: ACM Press
Full text available: pdf(2.61 MB) Additional Information: full citation, abstract, index terms

We argue that intensional *object identity* in object-oriented programming languages and databases is k corollary is that "functional" objects have extensional semantics. This model of object identity, which is provides cleaner semantics for the value-transmission operations and built-in primitive equality predica confusion surrounding "ca ...

16 Knowledge representation for commonsense reasoning with text
Kathleen Dahlgren, Joyce McDowell, Edward P. Stabler
September 1989 **Computational Linguistics**, Volume 15 Issue 3
Publisher: MIT Press
Full text available: pdf(2.52 MB) Publisher Site Additional Information: full citation, references, citings

17 Distributed computing: A pleasant stroll through the land of infinitely many creatures
Marcos K. Aguilera
June 2004 **ACM SIGACT News**, Volume 35 Issue 2
Publisher: ACM Press
Full text available: pdf(281.95 KB) Additional Information: full citation, abstract, references

Many distributed algorithms are designed for a system with a fixed set of *n* processes. However, some that the number of processes may grow to infinity as time tends to infinity. This paper considers such s not necessarily efficient) for common problems. The reason for simplicity is to better expose some of tl processes. A ...

18 Chain mulitplication of matrices of approximately or exactly the same size
Nicola Santoro
February 1984 **Communications of the ACM**, Volume 27 Issue 2
Publisher: ACM Press
Full text available: pdf(387.25 KB) Additional Information: full citation, abstract, references, in

We present a different approach to finding an optimal computation order; it exploits both the differenc between the number of nonzero elements in the matrices. Therefore, this technique can be usefully ap size. We show that using the proposed technique, an optimal computation order can be determined in

Keywords: linear multiplication order, matrix chain product, sparse matrices

19 When do bounds and domain propagation lead to the same search space

Christian Schulte, Peter J. Stuckey

September 2001 **Proceedings of the 3rd ACM SIGPLAN international conference on Principles an**

Publisher: ACM Press

Full text available: pdf(295.88 KB) Additional Information: full citation, abstract, references, in

This paper explores the question of when two propagation-based constraint systems have the same be behaviour of domain and bounds propagators for primitive constraints, and provide theorems that allo of constraints. We then show how we can use this to analyse CLP(FD) programs to determine when we bounds propagators without increasing ...

Keywords: abstract interpretation, bounds propagation, constraint (logic) programming, domain prop

20 Security and correctness: A low-cost memory remapping scheme for address bus protection

Lan Gao, Jun Yang, Marek Chrobak, Youtao Zhang, San Nguyen, Hsien-Hsin S. Lee

September 2006 **Proceedings of the 15th international conference on Parallel architectures and**

Publisher: ACM Press

Full text available: pdf(536.42 KB) Additional Information: full citation, abstract, references, in

The address sequence on the processor-memory bus can reveal abundant information about the contr leakage such as encryption keys or proprietary algorithms. Addresses can be observed by attaching a l transaction. Such side-channel attacks should be given rising attention especially in a distributed comp programs are not within ...

Keywords: address bus leakage protection, secure processor

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